



TECHNICAL DATA SHEET

KEIM RESTAURO® TOP

1. PRODUCT DESCRIPTION

KEIM Restauro Top is a mineral dry bagged pre-mixed restoration mortar with hydraulic binders used for stone repair.

2. FIELD OF APPLICATION

The KEIM Restauro system consists of natural stone replacement materials for reproducing the colour and texture of the original stone. KEIM Restauro Top can be used to restore stone surfaces on its own or as part of the KEIM Restauro Stone Restoration system.

3. PRODUCT PROPERTIES

- Easy to apply
- Can be colour matched to the stone
- Long lasting

Material characteristics

Bulk density:	approx. 1.40g/cm ³
Water consumption:	approx. 0.13-0.16 lt/kg
Processing time:	max 45min
Setting time:	approximately 5 hours
Compressive strength:	approx. 10N/mm ²
Bonding tensile strength:	approx. 4.1N/mm ²
Modulus of elasticity:	approx. 9.0KN/mm ²

Colour shade

Shades in accordance with KEIM's natural stone colour swatches. Special shades to match stone samples on request.

4. APPLICATION INSTRUCTIONS

Substrate preparation

Remove loose material and old coats mechanically or with a water pressure jet. All loose and friable material should be cut back to a sound level.

Application

KEIM Restauro Top should be mixed only with clean cold water, approximately 5lt per 30kg. For larger quantities use stirring machine or mixer.

After a ripening period of 5 minutes the mortar should be of moist earth consistency. For moulding silicate resin moulds should be used. Apply to pre-wetted surfaces in one or more layers from 5mm to 30mm maximum.

KEIM Restauro Top should be applied proud of the surface (approximately 2mm) using a trowel, allowed to harden for between 2-4 hours and then dressed back in a manner to suit the surrounding stonework. If necessary stainless-steel reinforcements, screws and wires can be used to hold repair materials in place until the mortar is dry.

Application conditions

Ambient and substrate temperature above 5°C and below 30°C. Do not apply in direct sunlight or onto sun-heated surfaces, nor if it is raining or if there is an immediate likelihood of rain.

Consumption

Approximately 10kg/m² for 5mm thick repair

Consumption rates are offered for guideline purposes only. Actual rates are the responsibility of the applicator. Project specifications should be referred to for specific rates.

Cleaning of tools

Clean immediately after use with water

5. PACKAGING

30kg sacks

6. STORAGE

Approx. 6 months, if kept cool but frost free in tightly closed containers.

7. DISPOSAL

EC Waste Code No. 17 01 01

Any residues must be emptied out of sacks before recycling. Solidify any residual material with water and, after consulting the relevant authorities, dispose of in a building material landfill site.

8. SAFETY INSTRUCTIONS

Cover surfaces which are not to be treated, in particular plants, etc. Protect the eyes and skin from splashes. Keep out of reach of children.

Please, refer to the EC Material Safety Data Sheet

The stated values and properties are the result of extensive development work and practical experience. Our recommendations for application, whether given verbally or in writing, are intended to provide assistance in the selection of our products and do not establish a contractual relationship. In particular, they do not release those purchasing and applying our products from the duty of establishing for themselves, with due care, the suitability of our products for the intended application. Standard building industry practices must be complied with. We retain the right to make modifications to improve the products or their application. This edition supersedes all earlier editions.

